



FortiClient (Mac OS X) - Release Notes

VERSION 5.4.4

FORTINET DOCUMENT LIBRARY

<http://docs.fortinet.com>

FORTINET VIDEO GUIDE

<http://video.fortinet.com>

FORTINET BLOG

<https://blog.fortinet.com>

CUSTOMER SERVICE & SUPPORT

<https://support.fortinet.com>

FORTIGATE COOKBOOK

<http://cookbook.fortinet.com>

FORTINET TRAINING SERVICES

<http://www.fortinet.com/training>

FORTIGUARD CENTER

<http://www.fortiguard.com>

END USER LICENSE AGREEMENT

<http://www.fortinet.com/doc/legal/EULA.pdf>

FEEDBACK

Email: techdocs@fortinet.com



July 20, 2017

FortiClient (Mac OS X) 5.4.4 Release Notes

04-544-440207-20170720

TABLE OF CONTENTS

Change Log	4
Introduction	5
Licensing	5
Standalone Mode	5
Managed Mode	5
Special Notices	7
DHCP over IPSec not Supported	7
Cooperative Security Fabric Upgrade	7
Change in FortiClient Endpoint Control Default Registration Port	7
Installation Information	8
Firmware images and tools	8
Upgrading from previous FortiClient versions	8
Downgrade to previous versions	8
Uninstall FortiClient	8
Firmware image checksums	9
Product Integration and Support	10
FortiClient 5.4.4 support	10
Language support	11
Resolved Issues	12
Known Issues	14

Change Log

Date	Change Description
2017-07-20	Initial release.

Introduction

This document provides a summary of enhancements, support information, and installation instructions for FortiClient (Mac OS X) 5.4.4 build 0536.

This document includes the following sections:

- [Introduction](#)
- [Special Notices](#)
- [Installation Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

Please review all sections prior to installing FortiClient. For more information, see the *FortiClient Administration Guide* in the [Fortinet Document Library](#).

Licensing

FortiClient offers two licensing modes:

- Standalone Mode
- Managed Mode

Standalone Mode

In standalone mode, FortiClient is not registered to a FortiGate or Enterprise Management Server (EMS). In this mode, FortiClient is free both for private individuals and commercial businesses to use. No license is required.



Support for FortiClient in standalone mode is provided on the Fortinet Forums (forum.fortinet.com). Phone support is not provided.

Managed Mode

Companies with large installations of FortiClient usually need a means to manage their endpoints. EMS can be used to provision and centrally manage FortiClient endpoints, and FortiGate can be used with FortiClient endpoints for network security. Each FortiClient endpoint can register to a FortiGate or an EMS. In this mode, FortiClient licensing is applied to the FortiGate or EMS. No separate license is required on FortiClient itself.



When using the ten (10) free licenses for FortiClient in managed mode, support is provided on the Fortinet Forums (forum.fortinet.com). Phone support is not provided when using the free licenses. Phone support is provided for paid licenses.

FortiClient Licenses on the FortiGate

FortiGate 30 series and higher models include a FortiClient license for ten (10) free, connected FortiClient endpoints. For additional connected endpoints, you must purchase a FortiClient license subscription. Contact your Fortinet sales representative for information about FortiClient licenses.

FortiClient Licenses on the EMS

EMS includes a FortiClient license for ten (10) free, connected FortiClient endpoints for evaluation. For additional connected endpoints, you must purchase a FortiClient license subscription. Contact your Fortinet sales representative for information about FortiClient licenses.

Special Notices

DHCP over IPsec not Supported

FortiClient (Mac OS X) does not support DHCP over IPsec.

Cooperative Security Fabric Upgrade

FortiOS 5.4.1 and later greatly increases the interoperability between other Fortinet products. This includes:

- FortiClient 5.4.1 and later
- FortiClient EMS 1.0.1 and later
- FortiAP 5.4.1 and later
- FortiSwitch 3.4.2 and later

The upgrade of the firmware for each product must be completed in a precise order so the network connectivity is maintained without the need of manual steps. Customers must read the following two documents prior to upgrading any product in their network:

- *Cooperative Security Fabric - Upgrade Guide*
This document is available on the Fortinet Document Library on the FortiOS page (docs.fortinet.com/).
- *FortiOS 5.4.x Upgrade Guide for Managed FortiSwitch Devices*
This document is available in the Customer Support Firmware Images download directory for FortiSwitch 3.4.2 (support.fortinet.com/).

Change in FortiClient Endpoint Control Default Registration Port

FortiClient registers to the FortiGate using Endpoint Control (EC). In FortiClient 5.0 and 5.2, the default registration port is TCP port 8010. FortiOS 5.0 and 5.2 both listen on TCP port 8010.

Starting with FortiClient 5.4, EC registration will use port 8013 by default. To register to FortiOS 5.0 or 5.2, the user must specify port 8010 with the IP address, separated by a colon. For example, <ip_address>:8010.

FortiOS 5.4 and later will listen on port 8013. If registering from FortiClient 5.4 and later to FortiOS 5.4 and later, the default ports will match. Specifying the port number with the IP address is then optional.

Installation Information

Firmware images and tools

When installing FortiClient version 5.4.4, you can choose the setup type that best suits your needs. You can select one of the following options:

- Complete: all Endpoint Security and VPN components will be installed.
- VPN Only: only VPN components (IPsec and SSL) will be installed.

FortiClient includes various tools to help with and customize installations. The following tools and files are available in the *FortiClientTools* file:

- *OnlineInstaller*: downloads and installs the latest FortiClient file from the public FortiGuard Distribution Server (FDS).
- *FortiClientConfigurator*: an installer repackaging tool that can be used to create custom installation packages
- *RebrandingResources*: resources used by the FortiClient Configurator tool for rebranding.



When creating a custom FortiClient 5.4.4 installer using the FortiClient Configurator tool, you can choose which features to install. You can also enable or disable software updates, configure SSO, and rebrand FortiClient .

Upgrading from previous FortiClient versions

FortiClient version 5.4.4 supports upgrading from FortiClient 5.2.0 or later.

When FortiClient endpoints are registered to FortiGate, you must upgrade endpoints to FortiClient 5.4.1 before you upgrade FortiGate to 5.4.1. See [Cooperative Security Fabric Upgrade on page 7](#).



Please review the following sections prior to installing FortiClient version 5.4.4: [Introduction on page 5](#), [Special Notices on page 7](#), and [Product Integration and Support on page 10](#).

Downgrade to previous versions

Downgrading FortiClient version 5.4.4 to previous FortiClient versions is not supported.

Uninstall FortiClient

To uninstall FortiClient version 5.4.4, use the *Application > FortiClient > Uninstaller* application.

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal located at <https://support.fortinet.com>. After logging in, click on *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

Product Integration and Support

FortiClient 5.4.4 support

The following table lists FortiClient (Mac OS X) 5.4.4 product integration and support information.

Desktop Operating Systems	<ul style="list-style-type: none">• Mac OS X v10.9 Mavericks• Mac OS X v10.10 Yosemite• Mac OS X v10.11 El Capitan• Mac OS X v10.12 Sierra
Minimum System Requirements	<ul style="list-style-type: none">• Intel processor• 256MB of RAM• 20MB of hard disk drive (HDD) space• TCP/IP communication protocol• Ethernet NIC for network connections• Wireless adapter for wireless network connections• Adobe Acrobat Reader for FortiClient documentation
FortiAnalyzer	<ul style="list-style-type: none">• 5.4.1 and later
FortiAuthenticator	<ul style="list-style-type: none">• 4.2.0 and later• 4.1.0 and later• 3.3.0 and later• 3.2.0 and later• 3.1.0 and later• 3.0.0 and later
FortiClient EMS	<ul style="list-style-type: none">• 1.2.0 and later• 1.0.0 and later
FortiManager	<ul style="list-style-type: none">• 5.4.1 and later
FortiOS	<ul style="list-style-type: none">• 5.4.1 and later <p>Some FortiClient features are dependent on specific FortiOS versions.</p> <p>Only IPsec VPN and SSL VPN are supported with the following FortiOS versions:</p> <ul style="list-style-type: none">• FortiOS 5.6.0 and later• FortiOS 5.4.0• FortiOS 5.2.0 and later

Language support

The following table lists FortiClient language support information.

Language	GUI	XML Configuration	Documentation
English	✓	✓	✓
Chinese (Simplified)	✓		
Chinese (Traditional)	✓		
French (France)	✓		
German	✓		
Japanese	✓		
Korean	✓		
Portuguese (Brazil)	✓		
Russian	✓		
Spanish (Spain)	✓		

The FortiClient language setting defaults to the regional language setting configured on the client workstation unless configured in the XML configuration file.



If the client workstation is configured to a regional language setting that is not supported by FortiClient, it defaults to English.

Resolved Issues

The following issues have been fixed in FortiClient (Mac OS X) 5.4.4. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
0394201	Configuration can be changed when registered to EMS
401015	b0523: Apple Macs are slow to load web page content (timeout changed, for 5.4)
0405800	RealTime and OnDemand wildcard exclusions for Mac
0408179	FortiClient blocking Skype file transfers
0408179	FortiClient blocking Skype file transfers
408518	Improve Gateway IP List (FortiClient 5.4)
0410919	Web Filter exclusions are not being applied for malicious websites when Web Filter is disabled
0411244	b0523: <i>FortiClient components have been updated</i> notifications showing on Mac OSX 10.12.3 devices
0411448	b0529: Abnormal delay when initiating an AirPlay connection with AirServer (FortiClient 5.4)
0411461	FortiClient access all files in a share, even though the user is not
0411792	Web Filter not following on-net off-net status correctly
0411902	FortiClient Mac build 529 online installer cannot download any image
0414855	0523: VPN tunnel name not updating on FortiClient for OSX after renaming VPN tunnel name in EMS Profile
0414947	b0529: Incorrect <server> address added to XML config when https precedes Remote Gateway address in GUI setting
0422163	Incorrect Compliance Result flag for third-party AV check
0438093	Mac unable to log to FortiAnalyzer when using Hostname rather than IP
0439112	VPN-only default tab
0439285	App Firewall not working

Bug ID	Description
0440146	FortiClient GUI displays incorrect feature
0440274	For FortiClient registered to EMS, Skype is blocked on Mac (but not on Windows)

Known Issues

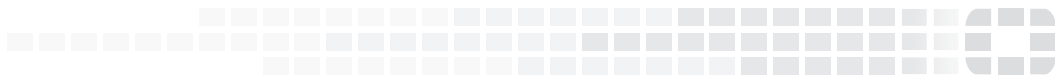
The following issues have been identified in FortiClient (Mac OS X) 5.4.4. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
0405385	FortiClient on MAC OS X El Capitan v10.11.1 blocks internet traffic when <fire-wall> parameter enabled
0415990	Cannot see AV detection information in the FortiClient logs
0438462	AV disabled yet files are quarantined
0438492	App Firewall blocking feature
0439075	Vulnerability Scan for MAC only apply to 5.6 not 5.4



FORTINET®

High Performance Network Security



Copyright© 2017 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., in the U.S. and other jurisdictions, and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. In no event does Fortinet make any commitment related to future deliverables, features or development, and circumstances may change such that any forward-looking statements herein are not accurate. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.